

WHAT IS CLAIMED IS:

1. A radio receiver system, comprising:

a plurality of antennas each adapted to receive a radio wave signal;

a diversity receiver module coupled to the antennas and configured to select a

5 first radio wave signal from a first antenna to be provided as input to an audio system;
and

a comparator coupled to the diversity receiver module and configured to
compare the first radio wave signal with a reference value, and responsive to the
comparison, signaling the diversity receiver module to select a second radio wave signal
10 from a second antenna to be provided as input into the audio system.

2. The system of claim 1, wherein the first radio wave is selected based on its
intensity being higher than at least one other radio wave signal.

15 3. The system of claim 1, wherein the result of the comparison is the first radio
wave signal intensity is greater than a predetermined intensity value.

4. The system of claim 1, wherein the comparator is part of the diversity receiver
module.

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5. The system of claim 1, further comprising:

an amplifier coupled to an output of the diversity receiver module and adapted
to be coupled to an audio system.

25 6. The system of claim 1, wherein at least one of the antennas is a glass antenna.

7. The system of claim 1, wherein at least one antenna receives Frequency Modulation (FM) radio wave signals.

5 8. A method of controlling a radio receiver, comprising:
receiving a plurality of radio wave signals from a plurality of antennas;
selecting a first radio wave signal from a first antenna to be provided as input to
an audio system; and
comparing the first radio wave signal with a reference value, and responsive to
10 the comparison,
selecting a second radio wave signal from a second antenna to be provided as
input into the audio system.

9. The method of claim 8, wherein the first radio wave signal is selected based on
15 its intensity being higher than at least one other radio wave signal.

10. The method of claim 8, wherein the result of the comparison is the first radio
wave signal intensity is greater than a predetermined intensity value.

20 11. The method of claim 8, wherein at least one of the antennas is a glass antenna.

12. The method of claim 8, wherein at least one antenna receives Frequency
Modulation (FM) radio wave signals.